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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/390,851

DATE: 12/26/2000

TIME: 14:13:42

Input Set : A:\sequence.txt

Output Set: N:\CRF3\12262000\I390851.raw

4 <110> APPLICANT: Pedersen, Henrik  
5 Holder, Swen  
6 Kjems, Jorgen  
7 Lund, Mette  
10 <120> TITLE OF INVENTION: Enzyme Activity Screen With Direct  
11 Substrate Reloading  
13 <130> FILE REFERENCE: 5655.204-US  
15 <140> CURRENT APPLICATION NUMBER: US 09/390,851  
16 <141> CURRENT FILING DATE: 1999-09-07  
18 <150> PRIOR APPLICATION NUMBER: PA 1998 01043  
19 <151> PRIOR FILING DATE: 1998-08-19  
21 <150> PRIOR APPLICATION NUMBER: PA 1998 01107  
22 <151> PRIOR FILING DATE: 1998-09-02  
24 <160> NUMBER OF SEQ ID NOS: 13  
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
28 <210> SEQ ID NO: 1  
29 <211> LENGTH: 46  
30 <212> TYPE: PRT  
31 <213> ORGANISM: Artificial Sequence  
33 <220> FEATURE:  
34 <223> OTHER INFORMATION: Synthetic  
36 <400> SEQUENCE: 1  
37 Cys Gly Gly Ser Gly Gly Ser Gly Gly Ser Ala Gln Leu  
38 1 5 10 15  
39 Lys Lys Lys Leu Gln Ala Leu Lys Lys Lys Asn Ala Gln Leu Lys Trp  
40 20 25 30  
41 Lys Leu Gln Ala Leu Lys Lys Lys Leu Ala Gln Gly Gly Cys  
42 35 40 45  
44 <210> SEQ ID NO: 2  
45 <211> LENGTH: 29  
46 <212> TYPE: DNA  
47 <213> ORGANISM: Artificial Sequence  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: Primer  
52 <400> SEQUENCE: 2  
53 acgaactttca acggcgccag tttagcgcg  
55 <210> SEQ ID NO: 3  
56 <211> LENGTH: 39  
57 <212> TYPE: PRT  
58 <213> ORGANISM: Artificial Sequence  
60 <220> FEATURE:  
61 <223> OTHER INFORMATION: Synthetic  
63 <400> SEQUENCE: 3  
64 Gly Ala Ala Gln Leu Glu Lys Glu Leu Gln Ala Leu Glu Lys Glu Asn  
65 1 5 10 15  
66 Ala Gln Leu Glu Trp Glu Leu Gln Ala Leu Glu Lys Glu Leu Ala Gln  
67 20 25 30

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RAW SEQUENCE LISTING  
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68 Gly Gly Cys Pro Ala Gly Ala
69      35
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 35
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Primer
79 <400> SEQUENCE: 4
80 actacaaatt ggcgcgcgtc agctcgaaaa agagc          35
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 47
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Primer
90 <400> SEQUENCE: 5
91 aattataggg gccagccggg caaccgccct gagccagttc cttttcc          47
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 42
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Primer
101 <400> SEQUENCE: 6
102 cgcgaattgg ccagccggc catggccgca acttcaacta aa          42
104 <210> SEQ ID NO: 7
105 <211> LENGTH: 37
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer
112 <400> SEQUENCE: 7
113 gcgaattggt gcggccgctt gacctgaatc agcgttg          37
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 39
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Synthetic
123 <400> SEQUENCE: 8
124 Gly Ala Ala Gln Leu Glu Lys Glu Leu Gln Ala Leu Glu Lys Glu Asn
125 1      5      10      15
126 Ala Gln Leu Glu Trp Glu Leu Gln Ala Leu Glu Lys Glu Leu Ala Gln
127 20      25      30
128 Gly Gly Cys Pro Ala Gly Ala
129      35
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 20

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RAW SEQUENCE LISTING                      DATE: 12/26/2000  
 PATENT APPLICATION: US/09/390,851        TIME: 14:13:42

Input Set : A:\sequence.txt  
 Output Set: N:\CRF3\12262000\I390851.raw

```

133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Primer
139 <400> SEQUENCE: 9
140 gccgaagcgc aatgaagggc                20
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 20
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Primer
150 <400> SEQUENCE: 10
151 gcccttcatt gcgcttcggc                20
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 26
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Primer
161 <400> SEQUENCE: 11
162 gccgaagcgc aatgaagggc aacccg        26
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 10
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Primer
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (1)...(10)
174 <223> OTHER INFORMATION: n = A,T,C or G
176 <400> SEQUENCE: 12
W--> 177 nggcttaagn                        10
179 <210> SEQ ID NO: 13
180 <211> LENGTH: 10
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: (1)...(10)
189 <223> OTHER INFORMATION: n = A,T,C or G
191 <400> SEQUENCE: 13
W--> 192 nccgaattcn                        10

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VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/390,851

DATE: 12/26/2000  
TIME: 14:13:43

Input Set : A:\sequence.txt  
Output Set: N:\CRF3\12262000\I390851.raw

L:177 M:341 W: (46) "u" or "Xaa" used, for SEQ ID#:12  
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

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